

Selecting the Right Heat Pump for Your Home



1 Choose a heat pump with a high energy efficiency rating to increase your savings

The Home Renovations Saving Program (a joint program of Enbridge Gas, Save on Energy and the Government of Ontario) is providing financial rebates to homeowners who install cold-climate air-source heat pumps (CC-ASHPs) with HSPF2 Region V ratings of 6.6 or better. But you can save a lot more on your utility bill by choosing a heat pump that goes beyond the program's minimum efficiency requirement.

As Table 1 shows, the higher a CC-ASHP's HSPF2 rating, the greater its seasonal space heating energy efficiency.

HSPF2 Region V Rating	Seasonal Space Heating Energy Efficiency
6.6	193%
9.2	270%
10.5	308%

Note: Heat pump energy efficiency ratings vary by climate region. If you live in Ontario, check for the HSPF2 Region V rating.

The greater your heat pump's energy efficiency, the lower your utility bill for space heating. For example, by choosing a heat pump with a HSPF2 rating of 10.5 instead of 6.6, you **can reduce your annual electricity bill for home heating by 38%**.

2 Get your heat pump installed by an experienced professional and set it to maintain steady indoor temperatures

A heat pump's performance will also be affected by the quality of the installation and how well it is matched to your home's heating needs and ductwork. It is important to find an experienced installer who will perform a heating load calculation for the home, assess the ductwork and discuss your priorities before giving a quote. The Heating, Refrigeration and Air Conditioning Institute (HRAI) can help you to find an installer that qualifies as a **Heat Pump Champion Advocate**.

A CC-ASHP with built-in electric resistance back-up **can meet 100% of your heating needs no matter where you live in Ontario**. However, some households may choose to retain a gas furnace as backup. In that case, be sure to have a conversation about how to size the heat pump to minimize use of the furnace.

Heat pumps also perform more efficiently when indoor temperatures are set at a constant temperature throughout the day and night. Most people find that their home is more comfortable under these conditions.

The Home Renovations Saving Program



HRAI Qualified Contractor Locator



Heat Pump Performance at Low Temperatures



Ontario Clean Air Alliance Research

March 04, 2025

